

PATENT ABSTRACTS OF JAPAN

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(54) ELECTROLUMINESCENT ELEMENT

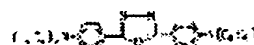
(57)Abstract:

PURPOSE: To obtain an electroluminescent element which can be manufactured simply, emits light with high luminance, and has excellent durability by using as a luminescent layer a thin film formed by the wet thin-film method from a mixture of an organic compound having a hole-transfer capability and a fluorescent organic compound.

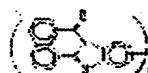
CONSTITUTION: An electroluminescent element provided with a luminescent layer comprising a thin film of an organic substance between two electrodes, wherein the luminescent layer comprises a thin film formed by the wet thin-film method from a mixture of an electron donating organic compound having a hole-transfer capability (e.g. a high-molecular compound, such as polyvinylcarbazol, or a low-molecular compound, such as a compound of formula I or II) and a fluorescent organic compound having an electron-transfer capability (e.g. a compound of formula III or IV). This technique can give an electroluminescent element which can be manufactured simply, emits light with high luminance, and has such excellent durability that the luminous performance is maintained over a long period of time.



I



II



III



IV

LEGAL STATUS

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